

What is claimed:

1. An adsorptive duct comprising:
 - (a) a hollow duct body having a first end, a second end and a passage extending therethrough from the first end to the second end, the passage having an inner exposed surface; and
 - (b) an adsorptive region present within the duct body, at least a portion of the adsorptive region defining the inner surface, the adsorptive region comprising an adsorptive material.

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2. The adsorptive duct according to claim 1, wherein the adsorptive material comprises at least one of carbon, alumina, zeolites, metal oxides and ion exchange resin.

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3. The adsorptive duct according to claim 2, wherein the adsorptive material is a particulate.

4. The adsorptive duct according to claim 1, wherein the adsorptive material occupies at least 10 % by weight of the adsorptive region.

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5. The adsorptive duct according to claim 4, wherein the adsorptive material occupies no more than 95% by weight of the adsorptive region.

6. The adsorptive duct according to claim 5, wherein the adsorptive material occupies 20-90% by weight of the adsorptive region.

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7. The adsorptive duct according to claim 1, wherein the adsorptive material occupies about 40-80% of the surface area of the adsorptive region.

8. The adsorptive duct according to claim 1, wherein the duct body comprises an

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- outer layer and an inner layer, the inner layer comprising the adsorptive region.

9. The adsorptive duct according to claim 1, wherein the duct body is made from a polymeric material comprising at least one of polyethylene, polypropylene, polyvinyl chloride, polycarbonate, nylon, polystyrene, poly(methyl methacrylate), and thermoplastic 5 elastomer.

10. A method of making an adsorptive duct, the method comprising the steps of:
(a) forming a hollow duct body having an inner surface and defining a passage; and
10 (b) forming an adsorptive region comprising an adsorptive material, the inner surface of the duct body comprising at least a portion of the adsorptive region.

11. The method according to claim 10, wherein the step of forming the hollow duct 15 body is done simultaneously with forming the adsorptive region.

12. The method according to claim 11, wherein the hollow duct body and the adsorptive region are blow molded or vacuum molded.

20 13. The method according to claim 12, wherein the hollow duct body and the adsorptive region are each formed as a layer.

14. The method according to claim 10, wherein the step of forming the hollow duct body is done before forming the adsorptive region.